

Docket No. 246098US0X CONT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Daisuke IGARASHI, et al.

SERIAL NO: NEW APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: METHOD FOR INCREASING GLUTAMATE CONTENT OF PLANTS AND THE PLANTS HAVING INCREASED GLUTAMATE CONTENT

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited on the attached International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 246098US0X CONT		SERIAL NO. NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Daisuke IGARASHI, et al.			
				FILING DATE HEREWITH		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	JP 2002-27856 A	01/29/02	English Abstract Only			
	AP	JP 2002-272290	09/24/02	Japan w/attached English Abstract			
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	T. NOGUCHI, et al., "PLANT LEAF ALANINE: 2-OXOGLUTARATE AMINOTRANSFERASE. PEROXISOMAL LOCALIZATION AND IDENTITY WITH GLUTAMATE: GLYOXYLATE AMINOTRANSFERASE", Biochem. J. (1981) 195, 235-239					
	AX	S. ORZECOWSKI, et al., "ALANINE AMINOTRANSFERASE AND GLYCINE AMINOTRANSFERASE FROM MAIZE (ZEA MAYS L.) LEAVES", Acta Biochimica Polonica, Vol. 46, No. 2, 1999, pp. 447-457					
	AY	S. ORZECOWSKI, et al., "SUBCELLULAR DISTRIBUTION OF ALANINE AMINOTRANSFERASE ACTIVITY IN MAIZE (ZEA MAYS L.) LEAVES", Acta Physiologiae Plantarum, Vol. 21, No. 4, 1999, pp. 331-334					
	AZ	D. W. REHFELD, et al., "AMINOTRANSFERASES IN PEROXISOMES FROM SPINACH LEAVES", The Journal of Biological Chemistry, Vol. 247, No. 15, August 10, 1972, pp. 4803-4811				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAB	B. LAIN-GUEL BENZU, et al., "PURIFICATION AND PROPERTIES OF L-ALANINE AMINOTRANSFERASE FROM CHLAMYDOMONAS REINHARDTII", Eur. J. Biochem., 202, pp. 881-887, 1991					
	AAB	T. NOGUCHI, et al., "DEVELOPMENT OF GLUTAMATE: GLYOXYLATE AMINOTRANSFERASE IN THE COTYLEDONS OF CUCUMBER (CUCUMIS SATIVUS) SEEDLINGS", Biochem. J., 1982, 201, pp. 209-214					
	AAC	I.S.M. LEE, et al., "MOLECULAR CLONING AND SEQUENCING OF A CDNA ENCODING ALANINE-GLYOXYLATE AMINOTRANSFERASE 2 FROM RAT KIDNEY", J. Biochem, 117, pp. 856-862, 1995					
	AAD	A. LIEPMAN, et al., "PEROXISOMAL ALANINE : GLYOXYLATE AMINOTRANSFERASE (AGT1) IS A PHOTORESPIRATORY ENZYME WITH MULTIPLE SUBSTRATES IN ARABIDOPSIS THALIANA", The Plant Journal, 2001, 25 (5), pp. 487-498					
	AAE	D. G. MUENCH, et al., "HYPOXICALLY INDUCIBLE BARLEY ALANINE AMINOTRANSFERASE: CDNA CLONING AND EXPRESSION ANALYSIS", Plant Molecular Biology, 24, pp. 417-427, 1994					
	AAF						
	AAG						
	AAH						
	AAI						
	AAJ						
	AAK						
	AAL						
	AAM						
	AAN						
	AAO						
	AAP						
	AAQ						
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